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DEPARTMENT OF THE NAVY  
NAVAL AMPHIBIOUS BASE LITTLE CREEK  
2600 TARAWA COURT SUITE 100  
NORFOLK, VIRGINIA 23521-3229

IN REPLY REFER TO:

5090  
Ser N462/ 2339  
26 AUG 96

Ms. Susan Lingenfelser  
Regional Environmental Officer  
U.S. Fish & Wildlife Service  
Post Office Box 480  
White Marsh, VA 23183

Dear Ms. Lingenfelser:

On behalf of the Atlantic Division, Naval Facilities Engineering Command (LANTNAVFACENGCOM), the Naval Amphibious Base (NAB) Little Creek is pleased to submit the Restoration Advisory Board (RAB) Minutes of the June 5, 1996, Meeting (enclosure (1)). The Agenda and presentation slides are also included as enclosures (2) and (3).

If you have any questions, please call Mr. Scott Park at (757) 322-4788 or Ms. Kelly Greaser at NAB Little Creek, (757) 363-4571. Thank you for your participation in the RAB process.

Sincerely,

A handwritten signature in black ink, reading "David A. Schwiering", is positioned above the typed name.

DAVID A. SCHWIERING  
Captain, U.S. Navy  
Commanding Officer

Encl:

- (1) RAB Meeting Minutes
- (2) Agenda
- (3) Presentation Slides (w/o)

Copy to:

→ Commander  
Atlantic Division (Code 1822)  
Naval Facilities Engineering Command  
1510 Gilbert Street  
Norfolk, VA 23511-2699

Naval Amphibious Base (NAB) Little Creek  
Virginia Beach, Virginia  
Restoration Advisory Board (RAB) Meeting Minutes  
June 5, 1996

ATTENDEES

|   |                |
|---|----------------|
| Commander J.D. Aishman<br>Executive Officer<br>NAB Little Creek   | (757) 464-7211 |
| Commander R.D. Rotz<br>Base Civil Engineer<br>NAB Little Creek  | (757) 464-7285 |
| Scott Park<br>Remedial Project Manager, NAB Little Creek<br>Atlantic Division, Naval Facilities Engineering Command (LANTDIV) | (757) 322-4788 |
| Kelly Greaser<br>Installation Restoration (IR) Program Manager<br>NAB Little Creek  | (757) 363-4571 |
| Anne Nelson<br>Remediation Branch Manager<br>NAB Little Creek   | (757) 363-4846 |
| Willie Barnes<br>Hazardous Waste Branch Manager<br>NAB Little Creek   | (757) 464-8566 |
| Sherri Eng<br>Chemist<br>LANTDIV  | (757) 322-4787 |
| Garwin Eng<br>Hazardous Waste Section<br>LANTDIV  | (757) 322-4754 |
| Newton Berliner<br>Baylake Pines Civic League   | (757) 460-5931 |
| Robert Deegan<br>Sierra Club  | (757) 497-4154 |
| Maurice Jackson<br>Virginia Beach Clean Community Commission  | (757) 420-1470 |

Walter Vargo  
RAB Community Co-Chair

(757) 481-1857

Jeff Waller  
City of Virginia Beach

(757) 427-4825

Erica Dameron, Director  
Federal Facilities Restoration and Surperfund Programs  
Virginia Department of Environmental Quality (VDEQ)

(804) 698-4201

Robert Weld  
Federal Facilities Restoration and Superfund Programs  
VDEQ

(804) 698-4227

Mark Richards  
Federal Facilities Restoration and Superfund Programs  
VDEQ

(804) 698-4207

Nitin Apte  
Foster Wheeler Environmental Corporation

(201) 842-7236

Thomas Biksey  
Baker Environmental, Incorporated

(412) 269-6048

## MEETING

### Introduction

The meeting began at 1:05 p.m. Commander (CDR) Aishman, the Executive Officer of NAB Little Creek, welcomed the attendees and invited their participation. CDR Rotz, the Base Civil Engineer, described the glowing record of environmental achievements at the base as a recipient of various awards:

- NAB Little Creek was selected for the Chief of Naval Operations (CNO) Environmental Quality - Non-Industrial Installation Award
- Willie Barnes was selected for the CNO Environmental Quality Individual Award
- Jeff McAdoo was selected for the CNO Recycling Individual Award
- NAB Little Creek was Runner-up for the Secretary of the Navy's (SECNAV) Environmental Quality - Non-Industrial Installation Award
- Willie Barnes was selected for the SECNAV Environmental Quality Individual Award
- Jeff McAdoo was selected for the SECNAV Recycling Individual Award
- Willie Barnes was selected for the Secretary of Defense Environmental Quality Individual Award
- Terri Mosteller, Marty Costello, Jeff McAdoo and Willie Barnes were selected for the White House Closing the Circle Award for Recycling and Waste Prevention
- NAB Little Creek was selected for the United States Environmental Protection Agency (EPA) Activity "Partnership" Award for Chemical Preparedness and Prevention
- Terri Mosteller was selected for the Environmental Protection Agency (EPA) Individual "Partnership" Award for Chemical Preparedness and Prevention



- NAB Little Creek received third place in the Navy Environmental Photo Contest for Environmental Technology

Scott Park discussed the meeting agenda, attached to these minutes, and then requested the attendees introduce themselves.

Mr. Newton Berliner expressed concern about waste on the local beaches. CDR Aishman clarified that most of the waste showing up at the beaches is natural waste such as tree stumps. At this point, Mr. Maurice Jackson announced the "Clean the Bay Day" scheduled for Saturday, June 8th. Everyone was invited to participate.

### **Presentation**

A copy of the presentation materials is attached to the minutes. Therefore, these minutes note any additional discussions, questions, and answers.

**Site 16, Polychlorinated Biphenyl (PCB) Capacitor Spill, Pole No. 425:** Mr. Park presented a summary of action taken to closeout Site 16, PCB Capacitor Spill, Pole No. 425. No discussion took place.

**Site 11 Interim Removal Action:** Ms. Greaser summarized for the RAB the removal action conducted between November 1995 and April 1996. Ms. Greaser proceeded to show a video of the removal action at Site 11. The video consisted of site views before and after the removal action as well as after the environmental restoration of the site.

Mr. Berliner asked how does the Navy plate their instruments now. CDR Aishman clarified that no more plating activity occurs at the base. The Navy contracts it to an outside party located in the Philadelphia, Pennsylvania area. The plating shop at NAB Little Creek stopped operation in 1974. Information reviewed subsequent to the meeting indicates that the School of Music has not plated any instruments in the last five years. However, last month one instrument was sent to Badger State Instrument Repair in Alcorn, Wisconsin. Depending on the quality of the plating, the School of Music may have the vendor plate more instruments.

Mr. Robert Deegan inquired whether any checkpoints are instituted to characterize materials before they leave Navy facilities. Ms. Greaser responded that Site 11 disposal material characterization was performed by IT Corporation and all paperwork and waste profiles were completed. Prior check was also performed to verify that the receiving landfills were authorized to accept the wastes.

CDR Aishman questioned the general philosophy of the environmental cleanups. He wondered why the waste was not neutralized on-site rather than simply moving it to another place. He stated that the base is complying with all the laws, but commented that following the law is not necessarily good enough for the environment.

Ms. Anne Nelson clarified CDR Aishman's concern by stating that the waste is treated before being landfilled, as required by the Land Disposal Restrictions (LDRs). Mr. Scott Park added that various pre-treatments were reviewed. Mrs. Sherri Eng added that the treatment cannot be conducted at the site without obtaining a Resource Conservation and Recovery Act (RCRA) permit.

Continuing the general discussion after Mr. Park, CDR Aishman raised a probable concern that the laws are written to discriminate against federal facilities and the Navy is made to follow the letter of the law which results in a large stack of paper. This does not necessarily protect the environment in the best manner; so citizens need



to take a close look at what the laws are and the intent of how the laws should be followed. Ms. Erica Dameron clarified that the Virginia Department of Environmental Quality (VDEQ) applies the environmental laws uniformly and does not discriminate against federal facilities. She added that the VDEQ standards are not any more stringent than the federal laws. Therefore, concerns with the laws should be raised at the federal level. CDR Aishman closed the issue by stating that he did not mean to say that the federal facilities are discriminated against.

**Defense Environmental Restoration Account (DERA) Budget Process:** Mr. Park presented a brief on the budget process governing the funding of DERA-eligible environmental projects at bases within LANTDIV's area of concern. Mr. Deegan wanted to know the amounts specifically assigned to NAB. Mr. Park provided these approximate figures: \$750,000 for FY97, \$1MM for FY98, and \$1.5MM for FY99. Mr. Deegan mentioned that the nationwide DOD figures are approximately \$11 billion funded so far, and \$31 billion to go. He also wanted to know about any new sites at NAB and how many sites are not yet identified. Mr. Park responded that some new sites will be discussed later in the presentation. Ms. Nelson estimated that at least 90% of the sites on base have been identified.

Mr. Deegan stated that NAB is a large base with a transient population. Therefore, it should get a boost in funding priority ranking as compared to other less populated bases like the Naval Weapons Station. CDR Aishman said that the NAB base command may not be able to reach out to some other commands physically at the base and does not control all activities. He added that it is also difficult to project the required budget until the site study is complete. Mr. Park described the LANTDIV goal of directing 70% of the funding to clean-up rather than studies. Mr. Jackson wanted to know if there is enough policing to ensure that new sites do not spring up and how activities of other commands are controlled. CDR Aishman clarified that NAB does have control of all base activities environmentally, so that is not an issue.

**New Solid Waste Management Units (SWMUs) at NAB:** Mr. Park described how NAB has focused the list of 100 plus SWMUs potentially requiring field investigation to 17 with the help of EPA. Work on three high priority SWMUs will begin in FY98. No discussion took place.

**Proposed Remedial Action Plan for Sites 9/10:** Mr. Apte presented the proposed remedial action plan for Sites 9 and 10. A Limited Action alternative with long-term groundwater monitoring has been proposed. Mr. Berliner asked about the origin of the Site 10 sewage sludge. It was stated that it was not from Hampton Roads Sanitation District (HRSD) but from the base sewage plant. Mr. Weld asked if a full Contract Laboratory (CLP) scan was performed. It was noted that in 1993, there was a full CLP scan for Site 10. Mr. Deegan asked if the deed restrictions will be for residential development. Yes, and the deed restrictions will be reevaluated if the Navy turns the base over to another party under the Base Realignment and Closure (BRAC) program. Mr. Deegan asked if any BRAC bases had deed restrictions previously. Yes, Vint Hill Farm Station will include restrictions for residential and industrial use. Mr. Deegan asked if this has been an issue in other states regarding future use. Yes, and traditionally, the conservative approach is for residential use. If existing use is industrial, then a survey for a residential scenario will be implemented. Mr. Deegan asked what will happen if there is a need to do more cleanup based on a new use. The baseline risk assessment does include a future residential use, which is the most conservative potential land use.

**Groundwater Monitoring Plan:** Mr. Apte presented a review of the Groundwater Monitoring Plan. No discussion took place.

**Supplemental Ecological Assessment (SEA):** Mr. Tom Biksey presented the background, approach, and findings of the SEA prepared by Baker Environmental. Mr. Mark Richards from VDEQ wondered if the purpose of the



SEA was to compile existing data in order to see data gaps. He also wanted to know more about the Biological Technical Assistance Group's (BTAG's) perspective on the project. Mr. Biksey responded by saying that the SEA focused on data compilation. It actually evaluated the data specifically with regard to potential impact of the IR sites on the ecological resources of Little Creek Harbor. BTAG wanted all the relevant data to be compiled in one report and presented on a single map.

Mr. Mark Richards questioned why there were no semivolatile organic compounds (SVOCs) and PCB data in the SEA. Mr. Biksey responded that only the available data from the Remedial Investigation (RI) were used quantitatively. He further added that SVOC and PCB analyses were not conducted in the RI based on site history. VDEQ asked if any data were collected or whether all values were non-detect. Mr. Apte responded that SVOC and PCB data were collected for Site 7 in the Round One Verification Study (RVS) and the Interim Remedial Investigation (IRI). These analytes were not included for surface water or sediment at Site 7 in the RI, because they were not detected in the previous studies. SVOCs and PCBs were not tested at Site 12 due to site history.

Mr. Mark Richards also inquired whether Lake Bradford flows into Little Creek Harbor. Mr. Biksey responded affirmatively and explained that the route was via the overflow canal adjacent to Site 12, but the flow was intermittent.

Mr. Mark Richards wanted to know about ecological assessment at other IR sites at NAB Little Creek. Mr. Biksey responded that Sites 7 and 12 were the only sites where surface water and sediment were sampled. Although these sites were adjacent to surface water bodies, all other sites eventually flow into the Chesapeake Bay or Little Creek Harbor. The overall perspective of potential impacts to Little Creek Harbor addressed these other sites.

**Pier 11-19 Remediation:** Ms. Ann Nelson described the progress and issues associated with the Piers 11-19 remediation. Mr. Deegan commended it as an interesting project and inquired its applicability to other projects and facilities. Ms. Nelson responded that a number of shoreline facilities have taken a variation of this approach. Some site-specificity is required due to hydrogeological characteristics. NAB has shared their experience and lessons within the Navy. She also thanked VDEQ's partnership in the project and specifically mentioned assistance on the biocide issue. "Don't pump and treat unless it is really required" is an important lesson learned according to her. Again, Mr. Deegan expressed the public's appreciation for a job well done.

**Assorted issues:** Ms. Kelly Greaser wrapped up the meeting by providing updates and information on a variety of topics including future actions at IR sites, trench clean out at Site 5, underground storage tank (UST) site updates, Site 7 enhancement plans, and receipt of municipal waste in the Little Creek Harbor. It was clarified to the attendees that information regarding the transport of municipal waste through Little Creek Harbor was provided as a courtesy since the issue was raised at the last RAB meeting. The shipment is not under Navy's jurisdiction; the Navy shares the harbor with the Eastern Shore Railroad. A contact was provided for all further questions and concerns. Mr. Deegan inquired about the specific route the waste will take once received at the harbor via a barge from New York. He also expressed an opinion that this is a new and inappropriate use of the harbor. If Virginia is going to receive it anyway, why not look into the Elizabeth River? As a member of the Sierra Club and the public, Mr. Deegan officially requested VDEQ to provide full information about the exact route, method, and quantity of shipment. Ms. Dameron of VDEQ assured Mr. Deegan that VDEQ will respond to his request and find/convey the requested information.

The meeting adjourned at 4:45 p.m.

# **NAB Little Creek Restoration Advisory Board Meeting June 5, 1996**

## **Agenda**

|  |      |
|--|------|
| Welcome  | 1:00 |
| CDR Aishman, Executive Officer                           |      |
| NAB Little Creek Awards                                  | 1:05 |
| CDR RD Rotz, Base Civil Engineer                         |      |
| Introductions, Agenda                                    | 1:10 |
| Scott Park, LANTDIV                                      |      |
| Site 16 Closeout Report                                  | 1:20 |
| Scott Park   |      |
| Site 11 Interim Removal Action and Closeout Report       | 1:25 |
| Kelly Greaser, IR Coordinator                            |      |
| Relative Risk Ranking and the DERA Budget Process        | 1:40 |
| Scott Park   |      |
| Relative Risk Ranking of 17 Solid Waste Management Units | 1:55 |
| Scott Park   |      |
| BREAK  | 2:05 |
| Proposed Remedial Action Plan                            | 2:15 |
| Nitin Apte, Foster Wheeler Environmental                 |      |
| Groundwater Monitoring Plan                              | 2:45 |
| Nitin Apte   |      |
| BREAK  | 3:15 |
| Supplemental Ecological Assessment                       | 3:25 |
| Tom Biksey, Baker Environmental                          |      |
| Piers 11-19 Remediation Update                           | 3:55 |
| Anne Nelson, Remediation Branch Manager                  |      |
| BREAK  | 4:10 |
| Site 7 Enhancement, Eastern Shore Railroad Project,      |      |
| Site 5 Trench Cleanout, Tank Cleanup Update              | 4:20 |
| Kelly Greaser  |      |
| Future Plans   | 4:25 |
| Kelly Greaser  |      |
| Question and Answer Period                               | 4:30 |